

08-16-06

15W 3737

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV904403251US, on the date shown below in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: 14 Aug 2006

Signature: Joyce Dotson

Docket No.: 337348021US
(PATENT)



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inter Patent Application of:
Glinier et al.

Application No.: 09/978,134

Confirmation No.: 4196

Filed: October 15, 2001

Art Unit: 3737

For: SYSTEMS AND METHODS FOR
AUTOMATICALLY OPTIMIZING
STIMULUS PARAMETERS AND
ELECTRODE CONFIGURATIONS FOR
NEURO-STIMULATORS

Examiner: G. C. Manuel

INFORMATION DISCLOSURE STATEMENT (IDS)

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action after the filing of a Request for Continued Examination under 37 CFR 1.114 (37 CFR 1.97(b)(4)).

Applicant has not submitted copies of each cited U.S. patent and U.S. patent application as required by 37 CFR 1.98(a)(2)(i), amended October 2004, as the U.S.

Patent and Trademark Office has waived this requirement for all U.S. patent applications. Applicant submits herewith copies of foreign and non-patents in accordance with 37 CFR 1.98(a)(2).

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 50-0665, under Order No. 337348021US.

Dated: August 14, 2006

Respectfully submitted,

By 

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337348021US

PTO/SB/08a/b (07-05)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	09/978,134-Conf. #4196
				Filing Date	October 15, 2001
				First Named Inventor	Bradford E. Gliner
				Art Unit	3762
				Examiner Name	G. C. Manuel
Sheet	1	of	1	Attorney Docket Number	337348021US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		20040131998-A1	07-08-2004	Marom et al.	
		3,918,461	11-11-1975	Cooper	
		4,030,509	06-21-1977	Hellman	
		4,125,116	11-14-1978	Fischell	
		4,702,254	10-27-1987	Zabara	
		4,969,468	11-13-1990	Byers et al.	
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		5,184,620	02-09-1993	Cudahy et al.	
		5,271,417	12-21-1993	Swanson et al.	
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		5,562,708	10-08-1996	Combs et al.	
		5,611,350	03-18-1997	John	
		6,040,180	0-21-2000	Johe	
		6,873,872	03-29-2005	Gluckman	
		6,895,280	05-17-2005	Meadows et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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337348021US

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT***(Use as many sheets as necessary)*

Sheet	2	of	1	Attorney Docket Number	337348021US
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Complete if Known

Application Number	09/978,134-Conf. #4196
Filing Date	October 15, 2001
First Named Inventor	Bradford E. Gliner
Art Unit	3762
Examiner Name	G. C. Manuel

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		BARRES, et al., "Proliferation of oligodendrocyte precursor cells depends on electrical activity in axons," Nature; Medical Research Council Developmental Neurobiology Programme, Department of Biology, University College, London, p258, (January 21, 1993)	
		CHEUN et al., "Differentiation of a Stem Cell Line Toward a Neruonal Phenotype," Int. J. Devl. Neuroscience, Vol. 9, No. 4, pp. 391-404 (1991)	
		ISHIBASHI, Tomoko et al., "Astrocytes Promote Myelination in Response to Electrical Impulses," Neuron 49, pp. 823-832, (March 16, 2006)	
		ROBINSON, Kenneth R., "The Responses of Cells to Electrical Fields: A Review," the Journal of Cell Biology, Vol. 101, pgs. 2023-2027 (December 1985)	

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¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

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